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(54) SOLUTION PREPARATION

(57)Abstract:

PURPOSE: To obtain a solution preparation applicable to a field requiring a stable clear aqueous solution state, comprising FK506, a surfactant and a nonaqueous solvent.

CONSTITUTION: A solution preparation comprising a compound shown by the formula [R1 and R2, R3 and R4 and R5 and R6 respectively express adjoining two H atoms or form another bond with combined C atoms and R2 may be alkyl; R7 may be H, OH, alkyloxy or R7 and R1 may form oxo; R8 and R9 are H or OH; R10 is H, alkyl or alkenyl; X is oxo, (H, OH), (H, H), etc.; Y is oxo, (H, OH), =N—NR11R12 (R11 and R12 are H, alkyl, aryl, etc.), etc.; R13 to R19, R22 and R23 are H or alkyl; R20 and R21 are oxo, (R20a, H), (R21a, H) or (R20a and R21a are OH, alkyloxy, etc.); n is 1–3] or a salt thereof, a pharmaceutically acceptable surfactant and a nonaqueous solvent. The preparation has excellent storage stability and will not precipitate crystal, etc., when diluted with physiological saline, glucose injection, water, etc., in use.

